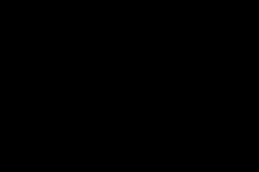


US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	10/31/2012	18:10		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
SOTF Team #1	Name:	Dan Capone & Chris Lantinga (START/US EPA)	From:	10/31/2012 08:25
	Position:	Operations Section Chief	To:	10/31/2012 16:42
7. Personnel Roster Assigned				
<u>Name</u>	ICS Position	DUTY CELL		
Dan Capone	Operations Section Chief			
Chris Lantinga	Operations Section Chief			
Dan Zahner	Field Team Lead			
Michael Thierry	SOTF #1			
8. Activity Log				
Activity Area	Continue Delineation M12 (Medium) Morrow Lake MP 38.15 to MP 38.30.	LAT	LAT	
		Various	Various	
		(DD.MMMM)	(DD.MMMM)	
<u>OIL OBSERVED</u>	EXTENT OF OIL IMPACTED AREA	NA		
	DENSITY OF OIL /SHEEN	NA		
Total Collection Points	NA			
Total Boom Deployed	NA			
Activity	<p><u>START SOTF Team 1 Activity:</u></p> <p>START SOTF 1 conducted oversight documentation of Enbridge Team Amber McDougale (Team Lead & Yuma Operator). Team conducted poling, Secchi disk measurements and water / sediment temperature readings on Morrow lake from MP 38.15 to MP 38.30. Team equipment used: one Yuma and Omega HH41 temperature monitor. Team completed the delineation of M12 (Moderate) today. Any additional moderates or heavies poled today were delineated as part of M12. Poling team completed twenty-seven points today. All poling points today had sediment, above sediment and surface temperatures below 60 degrees. See summary below for temperature ranges.</p> <p>Morrow Lake has sixty-five monitoring points, Morrow neck has six monitoring points and the Delta has sixty-one monitoring point.</p>			

	<p>Summary of poling results for Morrow Lake delineation M12 (Moderate)):</p> <p>Total of twenty-seven points were poled today: 0 of 27with nothing, 17 of 27were lights, 8 of 27 were moderates and 2 of 27were heavy. Temperature ranges: sediment 45.9 to 50.2, above sediment 41.7 to 43.2 and surface 41.5 to 43.1. The globules observed during poling ranged in size from <1 mm to 5mm. Total of thirty-eight poling points to delineate M12.</p> <p>Weather: Morning 37 degrees, light rain/sleet and winds 5 to 10 mph from the West. Afternoon 41 degrees, light rain with winds 10 to 15 mph from the West.</p>
Health and Safety Issues	
Comments	